| Index of | Claims |
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Application/Control No.

Applicant(s)/Patent under Reexamination
WAN ET AL.

10/577,834 Examiner

Art Unit

Charanjit S. Aulakh

1625

√ Rejected
= Allowed

- (Through numeral)
Cancelled

+ Restricted

Non-Elected
I Interference

A Appeal
O Objected

| 1                           | Cla                                     | im             | Date     |                |               |              |                   |          |           |              |          |
|-----------------------------|---|----------------|----------|----------------|---------------|--------------|-------------------|----------|-----------|--------------|----------|
|                             | Cia                                     |                | Date     |                |               |              |                   |          |           |              |          |
|                             | Final                                   | Original       | 10/16/07 |                |               |              |                   |          |           |              |          |
|                             | 1                                       | 1              | Ξ        |                |               |              |                   |          |           |              |          |
| ľ                           |   | 2 3            | =        |                | Н             |              |                   |          |           |              | ╗        |
|                             | 2                                       | 3              | =        | -              |               |              | $\overline{}$     | $\neg$   | $\neg$    | _            | ᅥ        |
| 6                           | *                                       |                | ┰        | Н              | -             |              |                   | $\neg$   |           | _            | $\neg$   |
| 677                         | 3                                       | 5              |          | ⊢              | _             | Н            |                   | $\vdash$ | _         | _            | Н        |
| ١ -                         | -                                       | Š              | _        | _              | H             |              | _                 | -        | $\dashv$  |              | Н        |
| į                           |   | 6<br>7         | -        | Н              | Н             | -            | -                 |          | $\exists$ | $\neg$       | ᅱ        |
|                             |   | 8              | _        | -              | Н             |              |                   |          | ┪         |              | $\dashv$ |
| i                           |   | 9              |          | _              |               |              |                   | $\neg$   |           |              | $\dashv$ |
|                             |   | 10             | _        |                |               |              | _                 |          |           |              | $\neg$   |
|                             |   | 11             |          |                |               |              |                   | П        | $\neg$    |              | $\dashv$ |
|                             | -                                       | 12             | _        | Н              | Н             |              | Н                 | Н        |           | $\neg$       | $\dashv$ |
|                             |   | 12<br>13       |          | $\vdash$       |               |              |                   | П        |           |              | $\Box$   |
|                             |   | 14             | _        | Г              |               |              |                   |          |           |              |          |
|                             |   | 15             | Т        |                |               |              | П                 | П        |           |              | $\sqcap$ |
| 7                           | 8                                       | 16<br>17       | =        | Г              | Г             |              | М                 | П        |           | П            | П        |
| ક                           | X                                       | 17             | =        |                |               |              |                   |          |           |              |          |
| 9                           | 8                                       | 18             | =        | $\vdash$       |               |              |                   |          |           |              |          |
| ίŌ                          | ~2                                      | 19             | =        |                |               |              |                   |          |           |              |          |
| il                          | 44                                      | 19<br>20       | Ξ        |                | Г             |              |                   |          |           |              |          |
| 12                          | ¥                                       | 21             | Ξ        | Π              |               |              |                   |          |           |              |          |
| 13                          | 72                                      | 21<br>22       | =        |                |               |              |                   |          |           |              |          |
| 14                          | 7 2 2 2 2 2 2 2 2                       | 23<br>24<br>25 | =        |                |               | <u> </u>     |                   | L        |           | _            | ĿЦ       |
| 15                          | 74                                      | 24             | =        | L              | _             | _            | _                 | _        | _         |              | Щ        |
| 16                          | 75-                                     | 25             | ᆖ        | <u> </u>       | <u> </u>      |              | _                 | <u> </u> |           | _            | Н        |
| 17                          | 10                                      | 26<br>27       | =        | ├              | -             | -            | ⊢                 | -        | $\vdash$  | _            | Н        |
| מי                          | 25                                      | 27             | =        | ┢              | -             | <del> </del> | ┝                 | ┝        | $\vdash$  | ⊢            | ⊢⊢       |
| 70                          | 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 28<br>29       | =        | ├              | ⊢             | $\vdash$     | ┢                 | -        | H         | ⊢            | Н        |
|                             | 20                                      | 30             | =        | ⊢              | $\vdash$      | ├-           | ┝                 | -        | $\vdash$  | <del> </del> | Н        |
| 25                          | 201                                     | 31             | =        |                | ⊢             | -            | -                 |          | $\vdash$  | $\vdash$     | Н        |
| μ                           | 24<br>22                                | 32             | ٦        | <del>  -</del> | $\vdash$      | $\vdash$     | $\vdash$          | ├        | -         | H            | Н        |
| 7                           | 193                                     | 32             | =        | ╌              | <del> -</del> |              | ┝                 | ├        | $\vdash$  | Н            | Н        |
| $\sum_{j=1}^{N}$            | '23<br>'24,                             | 33<br>34       | =        | $\vdash$       | $\vdash$      | Ι-           | -                 | -        |           | $\vdash$     | ┝╌┤      |
| <b>2</b> 4                  | 26                                      | 35             | =        | $\vdash$       | $\vdash$      | 1            | 一                 |          | Н         | Ι            | Н        |
| 25                          | 26                                      | 35<br>36       | =        | 1              | $\vdash$      | $\vdash$     | 一                 | $\vdash$ | Ι         | Н            | Н        |
| るん                          | 27                                      | 37             | =        | $\vdash$       | Т             | $\vdash$     | _                 | _        | Г         | F            | П        |
| วชั                         | 28.                                     | 37<br>38       | =        | Г              | Г             |              | _                 | Г        | Г         |              |          |
| 29                          | 29.                                     | 39             | =        |                |               | Ľ            |                   |          |           |              |          |
| 30.                         | 38-                                     | 40             | =        |                |               |              |                   |          |           |              |          |
| 789010345678980245375689301 | 34                                      | 41             | Ξ        | Ľ              |               | Ļ            | $\Box$            | $\Box$   |           | L            | Ш        |
|                             |   | 42             | _        | L              | $oxed{oxed}$  |              | $ldsymbol{f eta}$ | _        | L_        | L            | Щ        |
|                             |   | 43             | ╙        | ┡              | <u> </u>      | <u> </u>     | _                 | <b> </b> | <u> </u>  | <u> </u>     | Щ        |
|                             | <u> </u>                                | 44             | <u> </u> |                | -             | $\vdash$     | $\vdash$          | $\vdash$ | -         | <u> </u>     | $\vdash$ |
|                             | <u> </u>                                | 45             | $\vdash$ | ⊢              | ⊢             | ⊢            | $\vdash$          | ⊢        | ├         | -            | $\vdash$ |
|                             |   | 46<br>47       | ├        | ├              | ╁             | -            | ├                 | ├        | ├         | $\vdash$     | $\vdash$ |
|                             |   | 48             | ⊢        | $\vdash$       | ╁─            | $\vdash$     | ┢                 | $\vdash$ | ┝         | ├-           | $\vdash$ |
|                             |   | 49             | $\vdash$ | $t^{-}$        | 1             | ┢            | $\vdash$          | $\vdash$ | -         | ┢            | Н        |
|                             | 一                                       | 50             | $\vdash$ | T              | $t^-$         | t            | 1                 | 1        | ┢         | H            | $\vdash$ |
|                             |   |                | щ.       | _              | <u> </u>      | ــــــ       | ٠.                |          |           | 1            |          |

| Cla         | Date     |                 |              |          |  |              |              |            |  |          |  |
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| Final       | Original |                 |              |          |  |              |              |            |  |          |  |
| <u> </u>    | 51       |                 | $\dashv$     |          |  |              | Н            |            | Н  | Н        |  |
|             | 52       |                 |              |          |  |              |              |            |  |          |  |
|             | 53       |                 |              |          |  |              |              |            |  |          |  |
|             | 54       |                 |              |          |  |              |              |            |  |          |  |
|             | 55       |                 |              |          |  |              | •            |            |  |          |  |
|             | 56       |                 |              |          |  |              |              |            |  |          |  |
|             | 57       |                 |              |          |  |              | Ш            |            |  |          |  |
|             | 58       |                 |              |          |  |              | Ш            |            |  | Щ        |  |
|             | 59       | $\Box$          |              |          |  |              | Ш            |            |  | Ш        |  |
|             | 60       | Ц               |              |          | Щ  |              |              |            | _  |          |  |
|             | 61       | Щ               |              |          |  |              | Щ            | -          | _  | Н        |  |
| <u> </u>    | 62       | $\vdash \vdash$ | _            | _        |  | $\vdash$     | Ш            | _          | $\vdash$   | Н        |  |
| <u> </u>    | 63       | $\vdash \vdash$ | $\vdash$     | $\vdash$ |  | -            | Н            | -          | $\vdash$   | $\vdash$ |  |
| <u> </u>    | 64<br>65 | $\vdash$        | _            | Н        | -  |              | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ |  |
| <del></del> | 66       | $\vdash$        |              |          |  | $\vdash$     | -            | ⊢          | -  | Н        |  |
|             | 67       |                 |              |          |  | $\vdash$     | -            | ┝          | H  | Н        |  |
| <del></del> | 68       | H               | -            | $\vdash$ | Н  | -            | -            | H          | ⊢  | Н        |  |
|             | 69       | Н               | -            | _        | $\vdash$   | -            | $\vdash$     | $\vdash$   | $\vdash$   | -        |  |
| _           | 70       | Н               | -            | $\vdash$ |  |              | $\vdash$     | ⊢          | -  | Н        |  |
|             | 71       | Н               |              | $\vdash$ |  | $\vdash$     | Н            | Η-         | <del>                                     </del> |          |  |
|             | 72       | Н               |              | -        |  |              | Н            |            |  |          |  |
|             | 72<br>73 | ·               |              |          |  |              |              |            | Г  |          |  |
|             | 74<br>75 |                 |              |          |  | Г            | Г            |            |  |          |  |
|             | 75       |                 |              |          |  |              |              |            |  |          |  |
|             | 76       |                 |              |          |  |              |              |            |  |          |  |
|             | 77       |                 | Ŀ            | L        | L  |              | 乚            | <u> </u>   | Ŀ  |          |  |
| L           | 78       |                 |              | L        | _  | _            | 乚            | L          | L  | Ļ        |  |
| <u> </u>    | 79       | lacksquare      |              | <u> </u> | L.   | <b> </b>     | <u> </u>     | ļ          | _  | ╙        |  |
| <b>└</b>    | 80       | $\sqcup$        |              | <u> </u> | _  | _            | <u> </u>     | <u> </u>   | <u> </u>   | ┞        |  |
| <u> </u>    | 81       |                 | _            | <u> </u> | _  | <u> </u>     | <del> </del> | ⊢          | ⊢  | ┞        |  |
| ├           | 82       | -               | -            | <u> </u> | -  | <u> </u>     | ├            | ⊢          | ⊢  | ╄        |  |
| ├           | 83<br>84 | Ľ               | $\vdash$     | $\vdash$ |  | -            | ┢            | $\vdash$   | $\vdash$   | ├        |  |
|             | 85       | $\vdash$        | $\vdash$     | -        | -  | ├            | $\vdash$     | -          | -  | ╁        |  |
| $\vdash$    | 86       | +               | ⊢            | $\vdash$ | $\vdash$   | <del> </del> | -            | -          | <del> </del>                                     | $\vdash$ |  |
| <b>—</b>    | 87       | $\vdash$        | $\vdash$     | $\vdash$ | -  | $\vdash$     | <del> </del> |            | $\vdash$   | +-       |  |
| $\vdash$    | 88       | $\vdash$        | $\vdash$     | ┢        | <del>                                     </del> | H            | т            |            | <u> </u>   | 1        |  |
|             | 89       | П               | H            | $\vdash$ | $\vdash$   |              | $\vdash$     | Т          | Т  | Т        |  |
|             | 90       |                 | Η            | Г        | T-   | Т            | Т            | Г          | $\vdash$   | 1        |  |
|             | 91       |                 | Г            | Г        | Г  | Г            |              | Γ          | 1  | Г        |  |
|             | 92       |                 |              |          |  |              |              |            |  |          |  |
|             | 93       |                 |              |          | $\Box$   | Γ            |              |            |  |          |  |
|             | 94       |                 |              |          |  |              |              |            |  |          |  |
|             | 95       |                 |              |          |  |              | $\Box$       |            | L  |          |  |
| $\vdash$    | 96       | <u> </u>        | <u> </u>     | $\vdash$ | _  | <u> </u>     | -            | _          | <b>_</b>   | ┖        |  |
|             | 97       | $\vdash$        | ⊢            | ┡        | <del> </del>                                     | <b> </b>     | <del> </del> | $\vdash$   | <del> </del>                                     | ┡        |  |
|             | 98       | -               | ┡            | L        | $\vdash$   | ـ            | $\vdash$     | <b> </b> - | $\vdash$   | ⊢        |  |
| -           | 99       | $\vdash$        | <del> </del> | ⊢        | ├-   | -            | ⊢            | ├-         | ⊢  | ⊢        |  |
|             | 100      |                 | L_           | L_       | 1  | 1            | L_           |            | <u>L.</u>  | 1_       |  |

| -:    |                          |  |              |              |  |          |                |            |          | _        |
|-------|--------------------------|--|--------------|--------------|--|----------|----------------|------------|----------|----------|
| Cla   | aim                      | Date   |              |              |  |          |                |            |          |          |
| Final | Original                 |  |              |              |  |          |                |            |          |          |
|       | 101<br>102               |  |              |              |  |          |                |            |          |          |
|       | 102                      | Щ  |              | Ŀ            | Ш  |          |                |            |          | Щ        |
|       | 103                      |  |              | <u> </u>     | Н  | $\Box$   | $\Box$         |            |          | Щ        |
|       | 104                      | -  |              | _            | Н  |          |                |            | _        | Н        |
|       | 105                      | _  | _            | <del> </del> | $\vdash$   | Н        | _              | _          |          | Н        |
|       | 106<br>107               |  | -            | -            | Н  |          |                |            | _        | Н        |
| -     | 107                      |  | _            | ┝            |  | -        |                |            |          | Н        |
|       | 108<br>109               | -  |              | -            | Н  | _        | $\vdash$       |            | $\vdash$ | Н        |
|       | 110                      |  | _            |              | М  |          | -              |            | _        | П        |
|       | 111                      |  |              |              |  |          |                |            |          | П        |
|       | 112                      |  |              |              |  |          |                |            |          |          |
|       | 113<br>114<br>115        |  |              |              |  |          |                |            |          |          |
|       | 114                      | 匚  |              |              |  |          |                |            | L        | Ш        |
|       | 115                      | _  |              | 匚            | Ш  |          |                |            |          | Щ        |
|       | 116<br>117               |  | <u> </u>     | <b>!</b>     | _  |          |                | _          | _        | Щ        |
|       | 117                      | _  | _            | <u> </u>     | ⊢  | _        |                |            | <u> </u> | Щ        |
|       | 118<br>119               | <u> </u>   | ┝            | ⊢            | <b>-</b>   | _        | -              |            | <u> </u> | Н        |
|       | 119                      | ├  | ⊢            | ⊢            | -  | -        | -              | -          | -        | Н        |
| -     | 120                      | ⊢  | -            | ├            | $\vdash$   | ┝        | $\vdash$       | H          | -        | Н        |
|       | 121<br>122               | ╌  | ⊢            | ╁            | ┢  | $\vdash$ | $\vdash$       | _          | ┝        | Н        |
|       | 123                      | <del> </del>                                     | -            | ┢            | $\vdash$   | _        |                |            | H        | Н        |
|       | 123<br>124               | <del>                                     </del> | Н            | T            | $\vdash$   |          | ┢              |            |          | П        |
|       | 125                      |  |              |              | $\sqcap$   |          |                |            |          |          |
|       | 126                      |  |              |              |  |          |                |            |          |          |
|       | 125<br>126<br>127<br>128 |  |              |              |  |          |                |            |          |          |
|       | 128                      | $oxed{igspace}$                                  | L            |              | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | ļ        | L_             | L          | L        | Ш        |
|       | 129                      | ┡  | <u> </u>     | ┡            | ╙  | _        | ┡              | <b> </b> - | _        | -        |
|       | 130<br>131               | ├-   | -            | ├            | ⊢  | -        | <del> </del>   | ⊢          | ⊢        | Н        |
|       | 131                      | ┝  | ├            | ⊢            | ⊢  | ├-       | <del>  -</del> | -          | ⊢        | Н        |
|       | 132<br>133               | ╌  | ┢            | ⊢            | ⊢  | ├        | ├─             | -          | ⊢        | Н        |
|       | 134                      | +-   | -            | ╀╌           | ┢  | ┢        | $\vdash$       | $\vdash$   | ┢        | Н        |
|       | 135                      | 1  | 1            | $\vdash$     | 1  | 1        | Н              |            | T        | Н        |
|       | 136                      |  | Г            | T            | 1  | Г        |                |            |          | П        |
|       | 137<br>138               |  |              |              |  |          |                |            |          |          |
|       | 138                      |  |              |              | $\Box$   |          |                |            |          |          |
|       | 139                      | $\perp$  | 乚            | L            | <u> </u>   | _        | 乚              | _          | L        | Ц        |
|       | 140                      | ┞  | L            | 1_           | _  | <u> </u> | <u> </u>       | <u> </u>   | _        | Ш        |
|       | 141                      | <del> </del>                                     | ┡            | -            | ↓_   | ╙        | L              | <u> </u>   | ⊢        | Н        |
|       | 142                      | <del> </del>                                     | <del> </del> | -            |  | ⊢        | ├-             | ⊢          | ⊢        | Н        |
|       | 144                      | +-   | -            | ╁            | ╁  | $\vdash$ | $\vdash$       | -          | -        | $\vdash$ |
|       | 145                      | +-   | <del> </del> | ╁            | +  | $\vdash$ | $\vdash$       | -          | -        | $\vdash$ |
|       | 146                      | †  | $\vdash$     | T            | $\vdash$   | Н        | -              |            | $\vdash$ | ┢        |
|       | 147                      | t  | Т            | 1            | T  | T        | Ť              | Т          | Т        | М        |
|       | 148                      |  | Γ            | T            |  |          |                |            | Γ        | П        |
|       | 149                      |  |              |              |  |          |                |            |          |          |
|       | 150                      |  |              |              |  |          | 匚              |            | 匚        |          |